

REMARKS

The Office examined claims 1-14 and rejected the same.

Applicant acknowledges and thanks the Office for withdrawal of the finality of the last action.

With this paper, claims 1-14 remain in the application and new claims 15-20 are added. Thus, claims 1-20 are now pending.

Various of claims 1-14 are amended in ways believed related purely to form. In particular claims 1-2 and 11-12 are amended by replacing "characterized" with "comprising." Applicant respectfully submits that this amendment does not affect the scope of the claims. See MPEP § 2111.03 (the transitional term "comprising" is synonymous with "characterized by"). Claims 1-8, 10-12 and 14 are amended to remove the reference numerals, which also does not affect the scope of the claims. See MPEP § 608.01(m) (the use of reference characters is considered as having no effect on the scope of the claims). Finally, claims 11-12 and 14 are amended to remove "step of" language from the claims.

In addition, claims 1 and 11, the only two independent claims of the claims examined, are amended to recite that the powering down of selected components puts the ranging receiver in standby mode, as opposed to fully active mode, but does not turn off the ranging receiver. Support is at page 7, line 30.

Rejections under 35 USC §102

At section 3, on page 2 of the Office Action, claims 1-4, 6, 8, 11 and 13-14 are rejected under 35 U.S.C. § 102(e) as anticipated by Sun (U.S. Patent No. 6,774,838).

Independent apparatus claim 1 and method claim 11 recite a ranging receiver using sensor signals provided by a motion sensor mechanically coupled to the ranging receiver, and the ranging receiver powering down selected components so as to put the

ranging receiver in standby mode as opposed to fully active mode but not fully powered off based on whether the sensor signals indicate only at most insubstantial motion of the ranging receiver.

Regarding claims 1 and 11: Applicant respectfully submits that the invention as in independent claims 1 and 11 as amended here is not disclosed or suggested by Sun, because Sun fails to disclose or suggest a ranging receiver responsive to power control signals based on sensor signals indicating whether the ranging receiver is in motion, the power control signals for powering on or off selected components of the ranging receiver so as to put the ranging receiver in standby mode as opposed to fully active mode but not fully powered off.

Sun only discloses turning on or off power to a GPS receiver, and does not mention turning on or off power for selected components so as to put the ranging receiver in standby mode. The Office considers the GPS receiver disclosed by Sun to be the equivalent of the ranging receiver recited in claims 1 and 11. Therefore, in order to anticipate claim 1 or claim 11, Sun must also disclose turning on or off selected components of the GPS receiver so as to put the GPS receiver in standby mode. Claims 1 and 11, as amended, now clearly recite that the power control signals can power on or off selected components of the ranging receiver so as to put the ranging receiver in standby mode. In contrast, the entire GPS receiver in Sun is turned on or off, and Sun does not disclose or suggest putting the GPS receiver in a standby mode. See Sun column 1, lines 25-27; see also column 2, lines 38-40 (the GPS receiver 10 is controlled to turn off or keep in a state of ON). Therefore, Sun fails to disclose or suggest all the limitations recited by independent claims 1 and 11, and neither claim 1 nor claim 11 is anticipated or suggested by Sun. By turning off only power to selected components, it is possible to have the ranging receiver again

provide position information in less time than would be required if all power to the ranging receiver were turned off.

Regarding claims 3 and 14: Claims 3 and 14 ultimately depend from independent claims 1 and 11 respectively, and for this reason alone are not disclosed or suggested by Sun. In addition, claims 3 and 14 recite that the controller also uses the output signals from the ranging receiver in deciding whether to power down selected components of the ranging receiver. Sun only discloses using an oscillation sensor to send signals to indicate whether the GPS receiver should be turned on or off. In contrast, claims 3 and 14 recite using both sensor signals and output signals from the ranging receiver to decide whether to power down the selected components of the ranging receiver.

For the above reasons, and by virtue of at least the dependencies of the claims not argued but rejected under 35 USC §102, applicant respectfully requests that all the rejections under 35 USC §102 be reconsidered and withdrawn.

Rejections under 35 U.S.C. § 103

The Office Action rejects the other claims (namely claim 5, 7, 9-10, and 12) under 35 U.S.C. § 103(a) as unpatentable over Sun in view of other references.

The claims so rejected depend from one or another of claims 1 and 11, and by virtue of these dependencies are believed allowable. Accordingly, applicant respectfully requests that the rejections under 35 USC §103 be reconsidered and withdrawn.

New Claims

New claims 15-20 include new independent claims 15 and 16, which both include the limitations relied on for distinguishing the invention as in claims 1 and 11 from Sun. The other new

claims depend from claim 16 and are believed allowable at least based on their dependency. In addition, new claim 17 includes the same limitation as argued claim 3, and so is also believed allowable for the same reasons as claim 3. Support for claim 20 is Fig. 1.

Conclusion

For all the foregoing reasons it is believed that all of the claims of the application are in condition for allowance and their passage to issue is earnestly solicited. Applicant's attorney urges the Examiner to call to discuss the present response if anything in the present response is unclear or unpersuasive.

8 June 2006

Date

WARE, FRESSOLA, VAN DER SLUYS
& ADOLPHSON LLP
755 Main Street, P.O. Box 224
Monroe, CT 06468-0224

Respectfully submitted,



James A. Retter

Registration No. 41,266

tel: (203) 261-1234

Cust. No.: 004955